	6	wherein a thickness of the gate dielectric, t, is less than one-third a length of the gate
	7	electrode with up to a dielectric constant, k, of:
3)	8	$\underbrace{k=k_{ox}(t/t_{ox})}_{}$
ont	9	where k_{ox} is the dielectric constant for a silicon dioxide film, and
	10	t _{ox} is an equivalent silicon dioxide thickness for the gate length.
	1	15. (Amended) An apparatus comprising:
	2	a semiconductor substrate having a transistor device formed thereon, the transistor device
	3	having a gate dielectric disposed directly between a surface of the substrate and a gate electrode
	45	Omprising:
\circ	5	a first dielectric material having a first dielectric constant; and
BD	6	a second dielectric material having a second dielectric constant different from the first
-	7	dielectric constant,
÷	8	wherein a thickness of the gate dielectric, t, is less than one-third a length of the gate
	9	electrode with up to a dielectric constant, k, of:
	10	$\underline{\mathbf{k}} = \underline{\mathbf{k}}_{ox}(\underline{\mathbf{t}}/\underline{\mathbf{t}}_{ox}),$
	11	where k is the dielectric constant for a silicon dioxide film, and
· <u>· · · · · · · · · · · · · · · · · · </u>	12	tox is an equivalent silicon dioxide thickness for the gate length.

REMARKS

In the parent application, claims 8-21 were examined. With the Preliminary Amendment, independent claims 8 and 15 are amended. Claims 8-21 remain in the application.

In the parent application, the Patent Office rejected claims 8-9, 12-13, 15-16 and 19-20 under 35 U.S.C. §102(e). The Patent Office rejects claims 10-11, 14, 17-18, and 21 under 35